



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Flush-type connector - SACC-DSI-FS-12CON-L180 SCO SH - 1436770


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Sensor/actuator flush-type connector, socket, 12-pos., M12 SPEEDCON, shielded, A-coded, rear/screw mounting with Pg9 thread, with straight solder pins



Key commercial data

Packing unit	1 PCE
Catalog page	Page 47 (PC-2011)
GTIN	 4 046356 438780
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

General data

Rated current at 40°C	1.5 A
Rated voltage	30 V
Number of positions	12
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)

General characteristics

Standards/regulations	M12 plug-in connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67

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Technical data

General characteristics

Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR
Mounting type	Rear mounting Pg9 With flat nut
Connection method	Solder pins
Length of the solder contacts	6 mm
Status display	No

Classifications

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061

UNSPSC

UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501
UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001

Approvals

Approvals

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UL Recognized


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Approvals

Ex Approvals

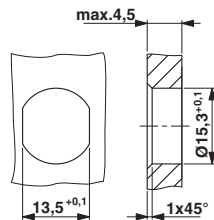
Approvals submitted

Approval details

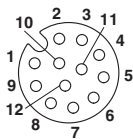
UL Recognized 	
mm²/AWG/kcmil	26-2
Nominal current I _N	1.5 A
Nominal voltage U _N	30 V

Drawings

Dimensioned drawing



Schematic diagram

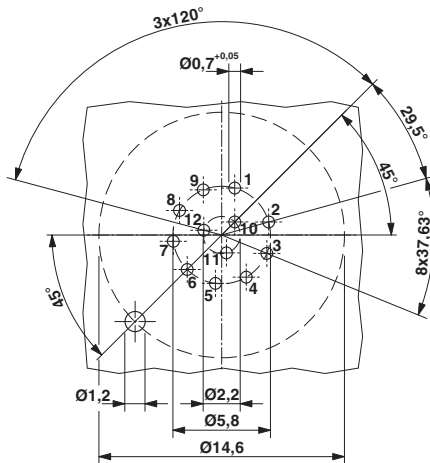


Pin assignment M12, 12-pos., female side view

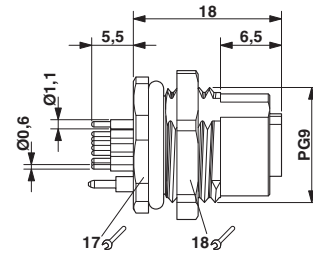
Mounting cutout with polarization for Pg9 thread

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Drilling diagram

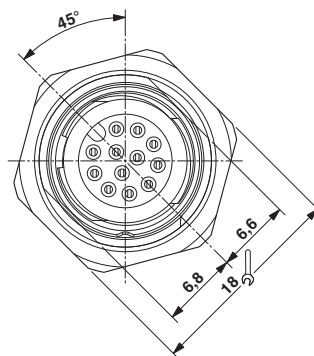


Dimensioned drawing



M12 flush-type connector

Dimensioned drawing



M12 front view